

Title (en)  
CONTACT DEVICE

Title (de)  
KONTAKTVORRICHTUNG

Title (fr)  
DISPOSITIF DE CONTACTS

Publication  
**EP 1768152 B1 20080813 (EN)**

Application  
**EP 06730052 A 20060327**

Priority  
• JP 2006306104 W 20060327  
• JP 2005093148 A 20050328  
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Abstract (en)  
[origin: EP1768152A1] This contact device comprises a pair of fixed terminals 2 with a fixed contact 2a each, a movable armature 3 with movable contacts 3a which contact to or separate from the fixed contacts 2a, a movable shaft 4 connected to the movable armature 3 at its one end, a movable core 8 secured to the opposite end 4b side of the movable shaft 4, a movable core receiver 7 slid onto the movable shaft 4 so that it faces a surface 8b on the movable armature side of the movable core 3 to receive the movable core 8 driven by an electromagnetic mechanism, an impact absorber 17 disposed on a surface 7a on the movable armature side of the movable core receiver 7 to absorb an impact generated when the movable core 3 hit the movable core receiver 7, and a stopper 16 (a movement restriction member) disposed on a surface on the movable armature side of the impact absorber 17 to restrict a movement of the impact absorber 17.

IPC 8 full level  
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**H01H 50/58** (2013.01 - KR); **H01H 50/66** (2013.01 - EP US); **H01H 51/065** (2013.01 - EP US); **H01H 2050/025** (2013.01 - EP US)

Cited by  
EP3306637A1; CN106531561A; EP2899737A3; EP2963668A1; EP2549508A4; US9673010B2; US9916952B2; US9754749B2; US9431200B2; EP2267746A4; EP2860747A3; EP3089189A3; WO2017204834A1; WO2010108877A1; EP2442329B1; US8941453B2; US8947183B2; US8975989B2; US9035735B2; US9058938B2; US9240288B2; US9240289B2

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